



PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
PATENT EXAMINING OPERATIONS**

Art Unit: 3748 (Examiner)
Applicant: Paul D. Keppel
Serial No.: 09/907,260
Filed: July 17, 2001
For: EMISSION CONTROL DEVICE AND METHOD

Charlotte, North Carolina
August 7, 2001

Honorable Commissioner of Patents
Washington, DC 20231

PETITION TO MAKE SPECIAL

Dear Sir:

Applicant respectfully petitions to make the above-identified application "Special" under the provisions of 37 C.F.R. §1.102(d), based on the Applicant meeting the conditions set forth in M.P.E.P. 708.02 Section VI: Energy or, in the alternative, Section V: Environmental Quality.

A Petition to Make Special under 37 C.F.R. §1.102(d) was filed on May 17, 2001, and granted on August 1, 2001, for the parent case of the present patent application. On July 2, 2001,

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a Petition to Make Special under 37 C.F.R. §1.102(d) was filed for a divisional application based on the parent case of the present application and is still pending.

The present invention is an induction coil which materially contributes to the conservation of energy resources, and particularly relates to the reduction of energy consumption of combustion engines and industrial equipment. The induction coil delivers a much higher percent (at least 80%) of voltage supplied to it than does a standard plug wire (about 30%). Consequently, the induction coil delivers a hotter and more efficient spark. In combustion engines, this hotter spark cause a superior fuel-air burn in an automotive cylinder. Accordingly, fuel mileage and power are increased.

The present invention also materially enhances the quality of the environment by being a major component of an emission control device and method described in U.S. Patent Application Serial No. 09/858,129, filed May 15, 2001, from which this application is a Continuation-in-Part. The induction coil, as part of the emission control device and method, reduces carbon dioxide, substantially reduces hydrocarbons and virtually eliminates the exhaust of carbon monoxide from combustion engines and industrial effluent stacks. For example, the control device can replace a conventional catalytic converter for treatment of automotive exhaust. The invention also provides advantages when used with a catalytic converter by reducing the amount of noble metals necessary for proper functioning of the catalytic converter while enhancing pollutant reduction.

The invention can also serve as a superior air pollution control device to treat industrial emissions as compared to the current technology of burners, water curtains and activated carbons treatment systems. The present invention is advantageous since it is easily adaptable to a variety of effluent stacks while providing significant air pollutant reduction.

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Petitioner, therefore, respectfully petitions that an order be issued directing the above-identified application to be accorded "Special" status.

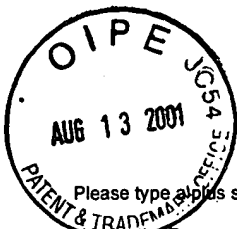
Respectfully submitted,



Gregory R. Everman
Attorney for Applicant
Registration No. 47,553
DOUGHERTY & CLEMENTS LLP
6230 Fairview Road, Suite 400
Charlotte, North Carolina 28210
Telephone: (704) 366-6642
Facsimile: (704) 366-9744

Attorney's Docket 3173

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3748

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PTO/SB/21 (12-97)

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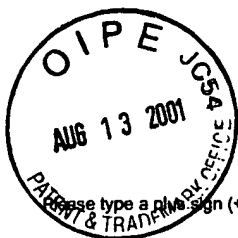
TRANSMITTAL FORM <i>(to be used for all correspondence after filing)</i>	Application Number	09/907,260	
	Filing Date	July 17, 2001	
	First Named Inventor	Paul D. Keppel	
	Group Art Unit	3748	
	Examiner Name		
Total Number of Pages in This Submission	5	Attorney Docket Number	3173

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and interferences
<input type="checkbox"/> Amendment / Response	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communications to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input checked="" type="checkbox"/> Petition Routing Slip (PTO/SB/69) And Accompanying Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> To Convert a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	Postcard Receipt
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Small Entity Statement	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Response to Missing Parts/Incomplete Application	Remarks	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY OR AGENT	
Firm Or Individual Name	Gregory R. Everman Dougherty & Clements LLP
Signature	
Date	August 8, 2001

CERTIFICATE OF MAILING			
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date: 8/8/2001			
Typed or printed name	Lynda R. Williams		
Signature		Date	August 8, 2001

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PETITION ROUTING SLIP

(Find the petition from the list and check the box in the heading above the petition)

Complete if Known

Application Number	09/907,260
Filing Date	July 17, 2001
First Named Inventor	Paul D. Keppel
Group Art Unit	3748
Examiner Name	
Attorney Docket Number	3173

☒ PETITIONS DECIDED BY PETITIONS OFFICE

- | | |
|--|---|
| 301 Relating to Public Use Proceedings (37 CFR 1.282) | 503 To waive/suspend rules (37 CFR 1.183) |
| 302 To make application special - prospective manufacture (37 CFR 1.102, MPEP 708.02) | 504 To invoke supervisory authority - re patent examining operations (37 CFR 1.181) |
| 303 To make special - Infringement (37 CFR 1.102, MPEP 108.02) | 505 To withdraw from issue after payment of issue fee (37 CFR 1.313(b)(1-4)) |
| 304 Relating to the Filing/issuance of Divisional Reissue (37 CFR 1.177) | 506 To withdraw from issue after payment of issue fee (37 CFR 1.313(b)) or abandon application in favor of continuing application |
| 305 To waive or suspend rules (37 CFR 1.183) | 507 To enter priority papers after issue Fee payment (37 CFR 1.55(a)) |
| 306 To expunge a paper from patent application or patent file (37 CFR 1.59) | 508 To defer issuance of patent (37 CFR 1.314) |
| 307 Withdrawal of Attorney (37 CFR 1.36) | 510 To invoke supervisory authority - re Office of Admin. (37 CFR 1.181) |
| 308 For access to application except re proceedings before Board (37 CFR 1.14, MPEP 103.104) | 516 To waive/suspend rules re patent matters in Office of Admin. (37 CFR 1.183) |
| 309 Relating to Small Entity (37 CFR 1.28) | 519 To decide matters before Deputy A/C for Patents under 37 CFR 1.182 |
| 310 Relating to reexamination (37 CFR 1.181-1.183) | 521 To review refusal to accept & record maintenance fee - application filed on or after 8/27/82 (37 CFR 1.377) |
| 311 For correction of inventorship for applications - no filing date (37 CFR 1.48) | 523 To issue patent in the name of the Assignee (37 CFR 1.334(c)) |
| 312 For correction of inventorship re PCT applications (37 CFR 1.48) | 525 To withdraw a holding of abandonment (37 CFR 1.181) |
| 313 For filing application without one or more inventors (37 CFR 1.47) | 526 To order a Commissioner-Initiated Reexamination proceeding (37 CFR 1.520) |
| 314 For filing PCT application without one or more inventors (37 CFR 1.47) | 527 To convert Provisional Application |
| 315 For extension of time without fee in cases in Application Division (37 CFR 1.136(b)) | 528 To reinstate abandoned Provisional Application |
| 399 For matters before A/C for Patents - not specified | 530 PCT petition-unavoidable |
| 408 Relating to a filing date under 35 USC 111 & 37 CFR 1.53 | 531 PCT petition-unintentional |
| 411 Filing date for application filed by Express Mail (37 CFR 1.10) | 532 To accept unavoidably delayed payment of maintenance fee (37 CFR 1.378 (b)) |
| 412 Filing date for lost application | 533 To accept unintentionally delayed payment of maintenance fee (37 CFR 1.378 (c)) |
| 501 To revive an abandoned application - unavoidable delay (37 CFR 1.137(a)) | 534 Petitions related to reexamination proceedings |
| 502 To revive an abandoned application - unintentional abandonment (37 CFR 1.137(b)) | 599 For matters before the Deputy A/C for Patents - not specified |

☐ PETITIONS DECIDED BY THE GROUP DIRECTOR

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| 601 To make application special on ground of age or health (37 CFR 1.102, MPEP 708.02) | 618 For concurrent Ex parte and Inter parte proceedings (37 CFR 1.212) |
| 602 To make special - continuity of earlier application (37 CFR 1.102, MPEP 708.02) | 619 For return of original oath of patent application (MPEP 804.04(a)) |
| 603 To make special - environment quality program (37 CFR 1.102, MPEP 708.02) | 620 For extension of time (37 CFR 1.136(b)) |
| 604 To make special - accelerated examination (37 CFR 1.102, MPEP 708.02) | 621 For interview after Notice of Allowance mailed (MPEP 713.10) |
| 605 To make special - Energy Program (37 CFR 1.102, MPEP 708.02) | 622 Concerning appeal application before transfer of jurisdiction to Board (MPEP 1206) |
| 606 To make special - Recombinant DNA (37 CFR 1.102, MPEP 708.02) | 623 For second or subsequent suspension of action (37 CFR 1.103, MPEP 709) |
| 607 To make special for reasons not provided for in codes 601-606 (37 CFR 1.102, MPEP 708.02) | 625 To reinstate Appeals dismissed in Group |
| 608 To reopen prosecution after Board decision (37 CFR 1.198) | 626 From denial of reexamination request (37 CFR 515(c)) |
| 609 For review of final restriction requirement (37 CFR 1.144) | 627 To enter an amendment after payment of Issue Fee (37 CFR 1.312(b)) |
| 610 Invoking Authority of Commissioner under 37 CFR 1.181 not specified in codes | 628 From refusal to issue a Certificate of Correction (37 CFR 1.181, MPEP 1480-1485) |
| 611 Relating to the prematureness of final rejection (37 CFR 1.181, MPEP 708.07(c)) | 629 For withdrawal of attorney from application pending in group (37 CFR 1.36) |
| 612 Relating to the refusal to enter an amendment (37 CFR 1.181 & 1.127, MPEP 714.19) | 630 For extension of time in a reexamination (37 CFR 1.550(c)) |
| 613 To withdraw a holding of abandonment (37 CFR 1.137, MPEP 711.03) | 631 To merge multiple reexamination proceedings (37 CFR 1.565(c), MPEP 2283) |
| 614 Relating to a requirement to cancel new matter from application (37 CFR 1.181, MPEP 608.04(c)) | 632 To effect a second conversion of inventorship (37 CFR 1.48, MPEP 201.03) |
| 615 Relating to formal sufficiency/propriety of affidavits (37 CFR 1.131, 1.132, 1.608, MPEP 715.07) | 633 Superconductivity |
| 616 To institute an interference (37 CFR 1.606) | 634 To correct inventorship in a patent not in interference (37 CFR 1.324, MPEP 1481) |
| 617 Relating to refusal to enter an amendment under 37 CFR 1.312 | 635 To change inventorship in an application (37 CFR 1.48) |
| | 636 To change inventorship in a patent (37 CFR 1.48) |
| | 637 To withdraw from issue before payment of an issue fee (37 CFR 1.313(a)) |
| | 689 For matters before Group Director - not specified |

☐ PETITIONS DECIDED BY BOARD OF PATENT APPEALS AND INTERFERENCES

- | | |
|---|--|
| 701 To exercise supervisory authority re action by examiner/examiner-in-chief (37 CFR 1.844) | 711 To assign particular members to hearing or to request augmented panel (35 USC 7) |
| 702 To accept belatedly filed copies of interference settlement agreements (35 USC 135(c), 37 CFR 1.688(c)) | 712 To decide miscellaneous questions in proceedings under 37 CFR 1.601-1.688 |
| 703 For withdrawal of attorney in proceeding under 37 CFR 1.201 - 1.288 (37 CFR 1.38) | 713 To accept priority papers in applications in interference (37 CFR 1.844) |
| 704 For access to a settlement agreement under 35 USC 135(c) (37 CFR 1.688(b)) | 714 To reinstate an Appeal |
| 705 For access to an application in proceedings before the Board (37 CFR 1.14(e)) | 799 For matters before Chairman of Board - not specified |
| 706 From a refusal to issue a Certificate of Correction (37 CFR 1.322, 1.323) | 801 To make an application before the Board special (37 CFR 1.102) |
| 707 To correct errors in inventorship (37 CFR 1.324) | 802 To reinstate an Appeal |
| 708 For extension of time to file amendment under 37 CFR 1.196(b) (37 CFR 1.136) | 803 To extend time/suspend proceedings (37 CFR 1.196, 1.197, 1.304) |
| 709 To make an application before the Board special (37 CFR 1.102) | 804 For extension of time to file supplemental Reply Brief (37 CFR 1.136) |
| 710 For extension of time to file supplemental Reply Brief (37 CFR 1.136) | 805 To accept late request for an Oral Hearing (37 CFR 1.136) |
| | 899 For matters before the Clerk of the Board - not specified |

☐ PETITIONS DECIDED BY SPECIAL LAWS (SECURITY AND GOVERNMENT INTEREST MATTERS)

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|-----------------------|--|
| 901 Under 42 USC 2182 | 904 Under 35 USC 267 |
| 902 Under 42 USC 2457 | 905 To consider/review security or Government interest matters - not specified |
| 903 Under 35 USC 184 | |

☐ PETITIONS DECIDED BY THE SOLICITOR

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|---|---|
| 951 Petitions for extension of time in court matters 35 USC 142, 145, 148 | 953 Requests filed under the Freedom of Information Act |
| 952 Petitions relating to ex parte questions in cases before the Court of Appeals for the Federal Circuit | 959 Not specified |

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